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APR 1 0 2002

TECH CENTER 1600/2900

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RAW SEQUENCE LISTING   DATE: 02/28/2002
PATENT APPLICATION: US/10/073,979   TIME: 10:00:11

Input Set : D:\PTZ31C1 seqlist.txt
Output Set: N:\CRF3\02282002\J073979.raw

```
      1 <110> APPLICANT: Rosen et al.
      3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
      5 <130> FILE REFERENCE: PTZ31C1
C-->  7 <140> CURRENT APPLICATION NUMBER: US/10/073,979
C-->  7 <141> CURRENT FILING DATE: 2002-02-14
      7 <150> PRIOR APPLICATION NUMBER: 09/764,885
      8 <151> PRIOR FILING DATE: 2001-01-17
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     11 <151> PRIOR FILING DATE: 2000-01-31
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     14 <151> PRIOR FILING DATE: 2000-02-04
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     17 <151> PRIOR FILING DATE: 2000-06-28
     19 <150> PRIOR APPLICATION NUMBER: 60/217,487
     20 <151> PRIOR FILING DATE: 2000-07-11
     22 <150> PRIOR APPLICATION NUMBER: 60/225,758
     23 <151> PRIOR FILING DATE: 2000-08-14
     25 <150> PRIOR APPLICATION NUMBER: 60/220,963
     26 <151> PRIOR FILING DATE: 2000-07-26
     28 <150> PRIOR APPLICATION NUMBER: 60/217,496
     29 <151> PRIOR FILING DATE: 2000-07-11
     31 <150> PRIOR APPLICATION NUMBER: 60/225,447
     32 <151> PRIOR FILING DATE: 2000-08-14
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     38 <151> PRIOR FILING DATE: 2000-08-14
     40 <150> PRIOR APPLICATION NUMBER: 60/226,868
     41 <151> PRIOR FILING DATE: 2000-08-22
     43 <150> PRIOR APPLICATION NUMBER: 60/216,647
     44 <151> PRIOR FILING DATE: 2000-07-07
     46 <150> PRIOR APPLICATION NUMBER: 60/225,267
     47 <151> PRIOR FILING DATE: 2000-08-14
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     50 <151> PRIOR FILING DATE: 2000-07-07
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     53 <151> PRIOR FILING DATE: 2000-08-14
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     56 <151> PRIOR FILING DATE: 2000-12-08
     58 <150> PRIOR APPLICATION NUMBER: 60/235,834
     59 <151> PRIOR FILING DATE: 2000-09-27
     61 <150> PRIOR APPLICATION NUMBER: 60/234,274
     62 <151> PRIOR FILING DATE: 2000-09-21
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RAW SEQUENCE LISTING   DATE: 02/28/2002
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Input Set : D:\PTZ31C1 seqlist.txt
Output Set: N:\CRF3\02282002\J073979.raw

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 64 <150> PRIOR APPLICATION NUMBER: 60/234,223
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 67 <150> PRIOR APPLICATION NUMBER: 60/228,924
 68 <151> PRIOR FILING DATE: 2000-08-30
 70 <150> PRIOR APPLICATION NUMBER: 60/224,518
 71 <151> PRIOR FILING DATE: 2000-08-14
 73 <150> PRIOR APPLICATION NUMBER: 60/236,369
 74 <151> PRIOR FILING DATE: 2000-09-29
 76 <150> PRIOR APPLICATION NUMBER: 60/224,519
 77 <151> PRIOR FILING DATE: 2000-08-14
 79 <150> PRIOR APPLICATION NUMBER: 60/220,964
 80 <151> PRIOR FILING DATE: 2000-07-26
 82 <150> PRIOR APPLICATION NUMBER: 60/241,809
 83 <151> PRIOR FILING DATE: 2000-10-20
 85 <150> PRIOR APPLICATION NUMBER: 60/249,299
 86 <151> PRIOR FILING DATE: 2000-11-17
 88 <150> PRIOR APPLICATION NUMBER: 60/236,327
 89 <151> PRIOR FILING DATE: 2000-09-29
 91 <150> PRIOR APPLICATION NUMBER: 60/241,785
 92 <151> PRIOR FILING DATE: 2000-10-20
 94 <150> PRIOR APPLICATION NUMBER: 60/244,617
 95 <151> PRIOR FILING DATE: 2000-11-01
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 98 <151> PRIOR FILING DATE: 2000-08-14
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112 <150> PRIOR APPLICATION NUMBER: 60/234,997
113 <151> PRIOR FILING DATE: 2000-09-25
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116 <151> PRIOR FILING DATE: 2000-09-01
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127 <150> PRIOR APPLICATION NUMBER: 60/231,413
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134 <151> PRIOR FILING DATE: 2000-09-29
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RAW SEQUENCE LISTING   DATE: 02/28/2002
PATENT APPLICATION: US/10/073,979   TIME: 10:00:11

Input Set : **D:\PTZ31C1 seqlist.txt**
Output Set: **N:\CRF3\02282002\J073979.raw**

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146 <151> PRIOR FILING DATE: 2000-10-02
148 <150> PRIOR APPLICATION NUMBER: 60/237,037
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152 <151> PRIOR FILING DATE: 2000-10-02
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157 <150> PRIOR APPLICATION NUMBER: 60/239,935
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160 <150> PRIOR APPLICATION NUMBER: 60/239,937
161 <151> PRIOR FILING DATE: 2000-10-13
163 <150> PRIOR APPLICATION NUMBER: 60/241,787
164 <151> PRIOR FILING DATE: 2000-10-20
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167 <151> PRIOR FILING DATE: 2000-11-08
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170 <151> PRIOR FILING DATE: 2000-11-08
172 <150> PRIOR APPLICATION NUMBER: 60/249,216
173 <151> PRIOR FILING DATE: 2000-11-17
175 <150> PRIOR APPLICATION NUMBER: 60/249,210
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178 <150> PRIOR APPLICATION NUMBER: 60/226,681
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182 <151> PRIOR FILING DATE: 2000-08-14
184 <150> PRIOR APPLICATION NUMBER: 60/225,213
185 <151> PRIOR FILING DATE: 2000-08-14
187 <150> PRIOR APPLICATION NUMBER: 60/227,182
188 <151> PRIOR FILING DATE: 2000-08-22
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191 <151> PRIOR FILING DATE: 2000-08-14
193 <150> PRIOR APPLICATION NUMBER: 60/235,836
194 <151> PRIOR FILING DATE: 2000-09-27
196 <150> PRIOR APPLICATION NUMBER: 60/230,438
197 <151> PRIOR FILING DATE: 2000-09-06
199 <150> PRIOR APPLICATION NUMBER: 60/215,135
200 <151> PRIOR FILING DATE: 2000-06-30
202 <150> PRIOR APPLICATION NUMBER: 60/225,266
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206 <151> PRIOR FILING DATE: 2000-11-17
208 <150> PRIOR APPLICATION NUMBER: 60/249,208
209 <151> PRIOR FILING DATE: 2000-11-17
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RAW SEQUENCE LISTING   DATE: 02/28/2002
PATENT APPLICATION: US/10/073,979   TIME: 10:00:11

Input Set : D:\PTZ31C1 seqlist.txt
Output Set: N:\CRF3\02282002\J073979.raw

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221 <151> PRIOR FILING DATE: 2000-11-17
223 <150> PRIOR APPLICATION NUMBER: 60/249,244
224 <151> PRIOR FILING DATE: 2000-11-17
226 <150> PRIOR APPLICATION NUMBER: 60/249,217
227 <151> PRIOR FILING DATE: 2000-11-17
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233 <151> PRIOR FILING DATE: 2000-11-17
235 <150> PRIOR APPLICATION NUMBER: 60/249,264
236 <151> PRIOR FILING DATE: 2000-11-17
238 <150> PRIOR APPLICATION NUMBER: 60/249,214
239 <151> PRIOR FILING DATE: 2000-11-17
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293 <151> PRIOR FILING DATE: 2000-09-08
295 <150> PRIOR APPLICATION NUMBER: 60/233,065
296 <151> PRIOR FILING DATE: 2000-09-14
298 <150> PRIOR APPLICATION NUMBER: 60/232,398
299 <151> PRIOR FILING DATE: 2000-09-14
301 <150> PRIOR APPLICATION NUMBER: 60/234,998
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314 <151> PRIOR FILING DATE: 2000-11-08
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349 <150> PRIOR APPLICATION NUMBER: 60/246,611
350 <151> PRIOR FILING DATE: 2000-11-08
352 <150> PRIOR APPLICATION NUMBER: 60/230,437
353 <151> PRIOR FILING DATE: 2000-09-06
355 <150> PRIOR APPLICATION NUMBER: 60/251,990
356 <151> PRIOR FILING DATE: 2000-12-08
```

Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.

VERIFICATION SUMMARY   DATE: 02/28/2002
PATENT APPLICATION: US/10/073,979   TIME: 10:00:12

Input Set : D:\PTZ31C1 seqlist.txt
Output Set: N:\CRF3\02282002\J073979.raw

```
L:7 M:270 C: Current Application Number differs, Replaced Current Application No
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
```